

Swift

March 2, 68

Dear Sosh:

I packed up the UV vidicon this morning and arranged to have it sent on to you. I couldn't do it myself, since I had to catch a plane this noon. I hope the tube arrives safely, and does what you want it to. There is a small scratch or crack on the face. I bought the tube 4 years ago, and I don't know how it differs from more recent models. I also packed the spec sheet with the tube in case you wish it.

The best UV optics for high magnification work are undoubtedly the new Zeiss (western Germany) Neofluar lenses recently designed for

Caspersson's ultraviolet spectrograph.
The glycerine immersion 0.85 NA
objective is now obtainable, and
there will be one at NA 1.25 ready
soon according to Dr. Michel at
Zeiss.

These are acknowledgments —
supposedly color corrected from 240 to
600 $\mu\mu$ — and thus usable with
continuous sources such as X-ray arcs.

I have only seen one B+L
intensifier tube in operation. The
image quality was poor, and the
screen size too small. I don't know
how well they can be made to
perform.

If you decide to send my vidicon
to the moon please let me know.

Cardially,
Hewitt